

# Accessing Block Group Data with the American Community Survey Summary File

Gretchen Gooding

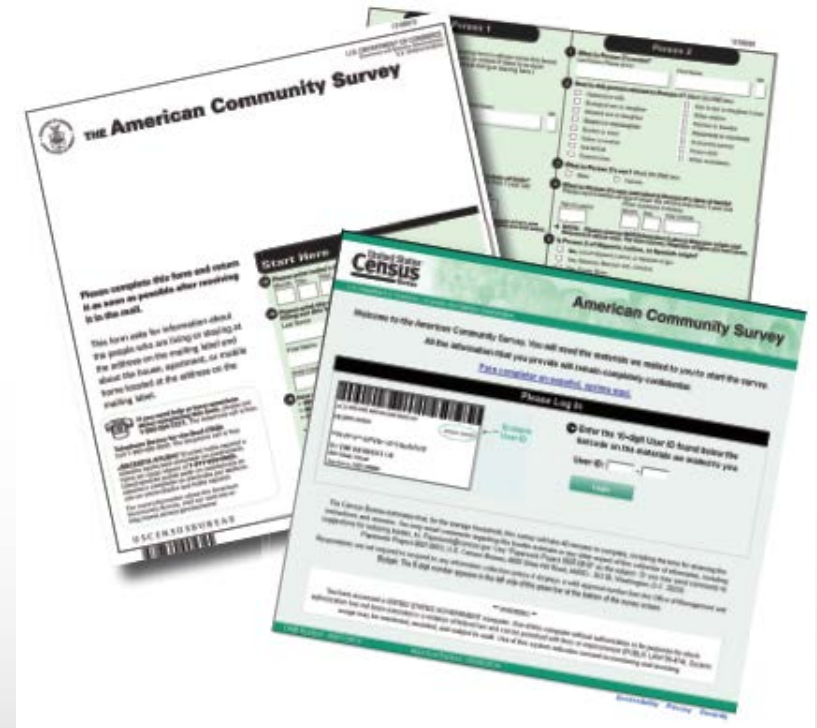
June 2014

# Outline

- **American Community Survey (ACS) basics**
- Tracts and block groups
- Overview of ACS Summary File (ACS SF)
- Ways to access the ACS SF
  - Summary File Retrieval Tool
  - DataFerrett
  - FTP site
  - Other
- Wrap up

# What is the ACS?

- A large national survey that uses continuous measurement methods to produce detailed population and housing estimates each year
- Designed to produce critical information that was previously collected in the decennial census



# American Community Survey

## Content



Social



Economic



Housing



Demographic

# Selected Census Geographic Concepts

## Legal/Administrative Areas

- Nation
- States
- Counties
- Incorporated Places
- Minor Civil Divisions
- Congressional Districts
- State Legislative Districts
- School Districts
- Zip Code Tabulation Areas (ZCTAs)

## Statistical Areas

- Regions
- Divisions
- Census Designated Places
- Census County Divisions
- Public Use Microdata Areas (PUMA)
- Census Tracts
- Block Groups

# Availability of ACS Data Products

| Estimated Population of Geographic Area | Type of ACS Estimates Released |
|---|--------------------------------|
| 65,000 or more                          | 1-year, 3-year, 5-year         |
| 20,000 to 64,999                        | 3-year, 5-year                 |
| Less than 20,000                        | 5-year                         |



# Data Products Release Schedule

|                  | Year of Data Release       |           |           |           |           |           |           |
|------------------|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Type of Estimate | 2008                       | 2009      | 2010      | 2011      | 2012      | 2013      | 2014      |
|                  | Year(s) of Data Collection |           |           |           |           |           |           |
| 1-Year           | 2007                       | 2008      | 2009      | 2010      | 2011      | 2012      | 2013      |
| 3-Year           | 2005-2007                  | 2006-2008 | 2007-2009 | 2008-2010 | 2009-2011 | 2010-2012 | 2011-2013 |
| 5-Year           | NA                         | NA        | 2005-2009 | 2006-2010 | 2007-2011 | 2008-2012 | 2009-2013 |

# Outline

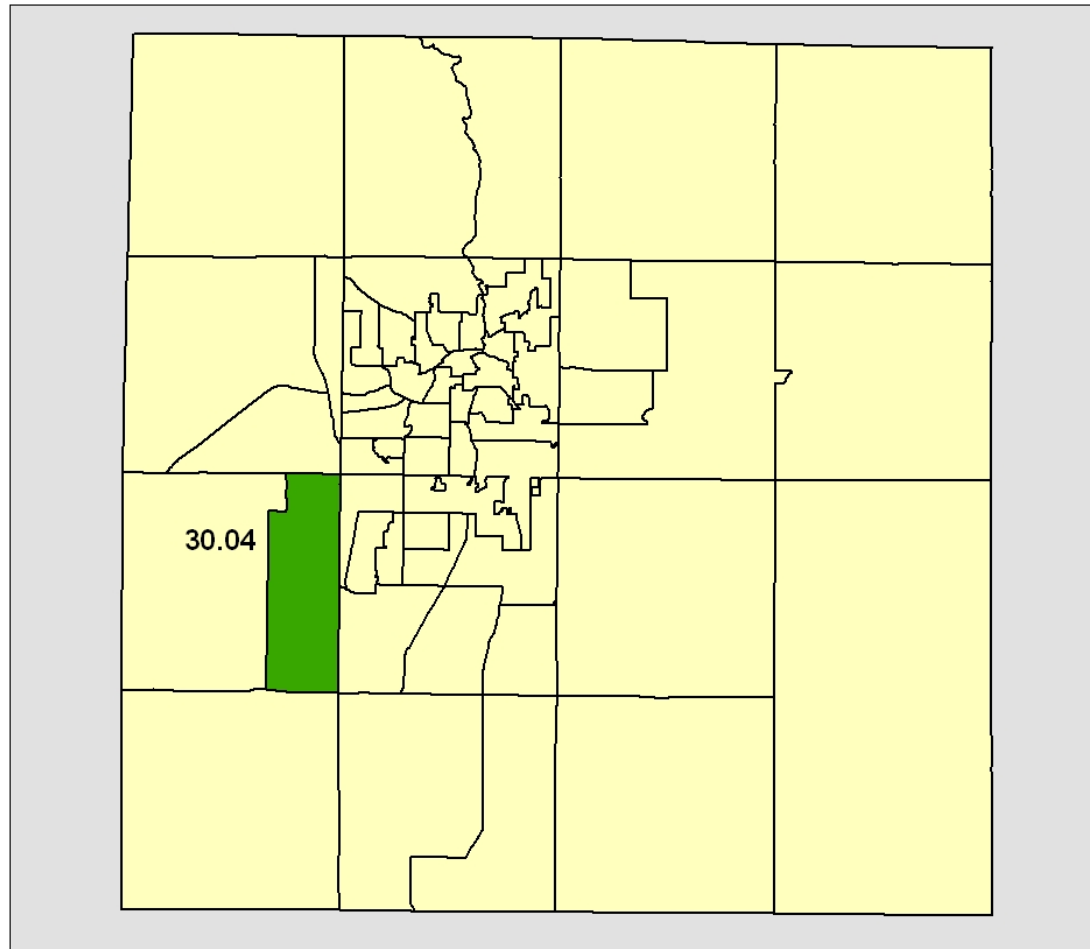
- American Community Survey (ACS) basics
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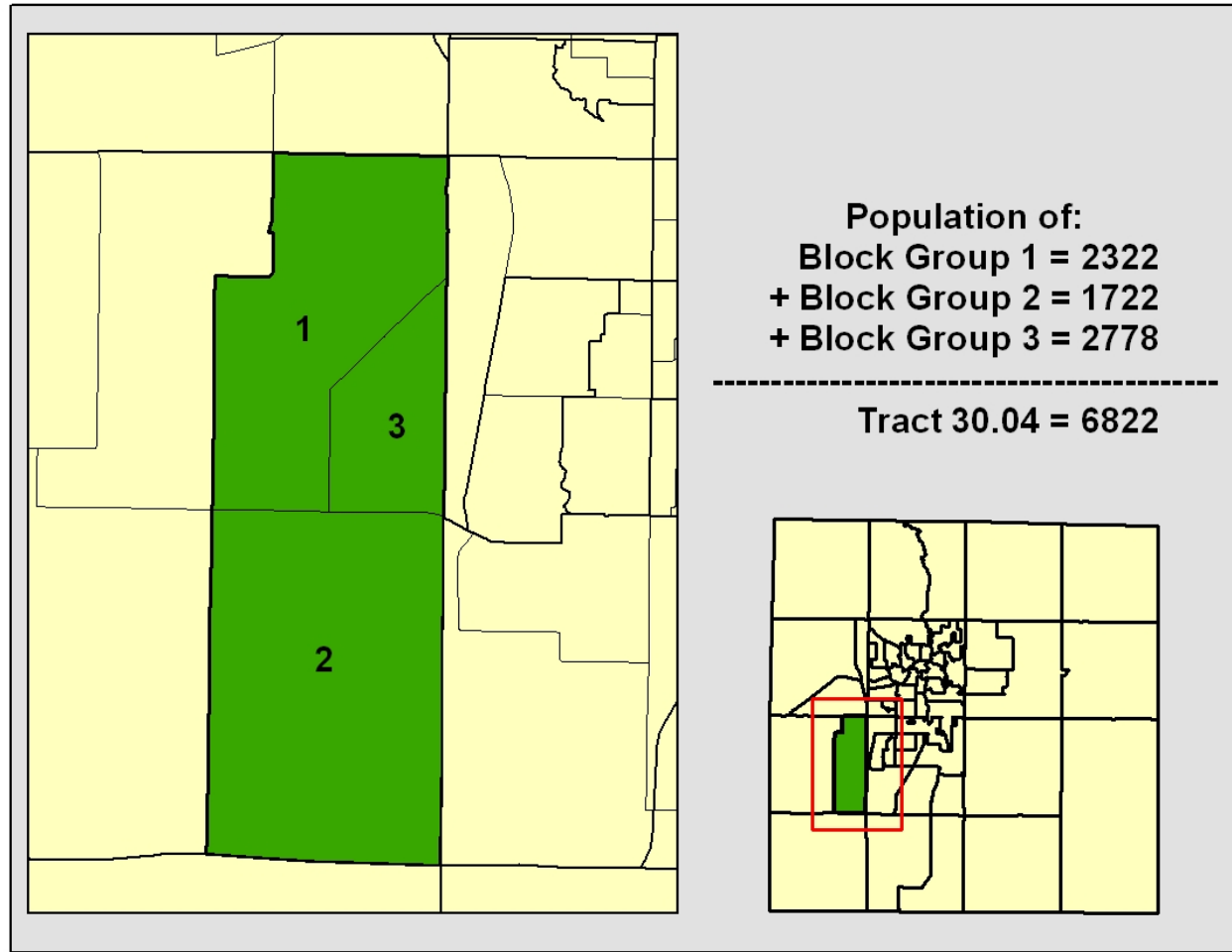
# Tracts and Block Groups

- Census tracts are small, relatively permanent statistical subdivisions of a county
- Block groups are statistical subdivisions of census tracts and are the lowest level of geography available in the ACS
- Block group estimates are available only in the ACS Summary File, not American FactFinder
- Block groups and tracts are available only in the ACS 5-year estimates

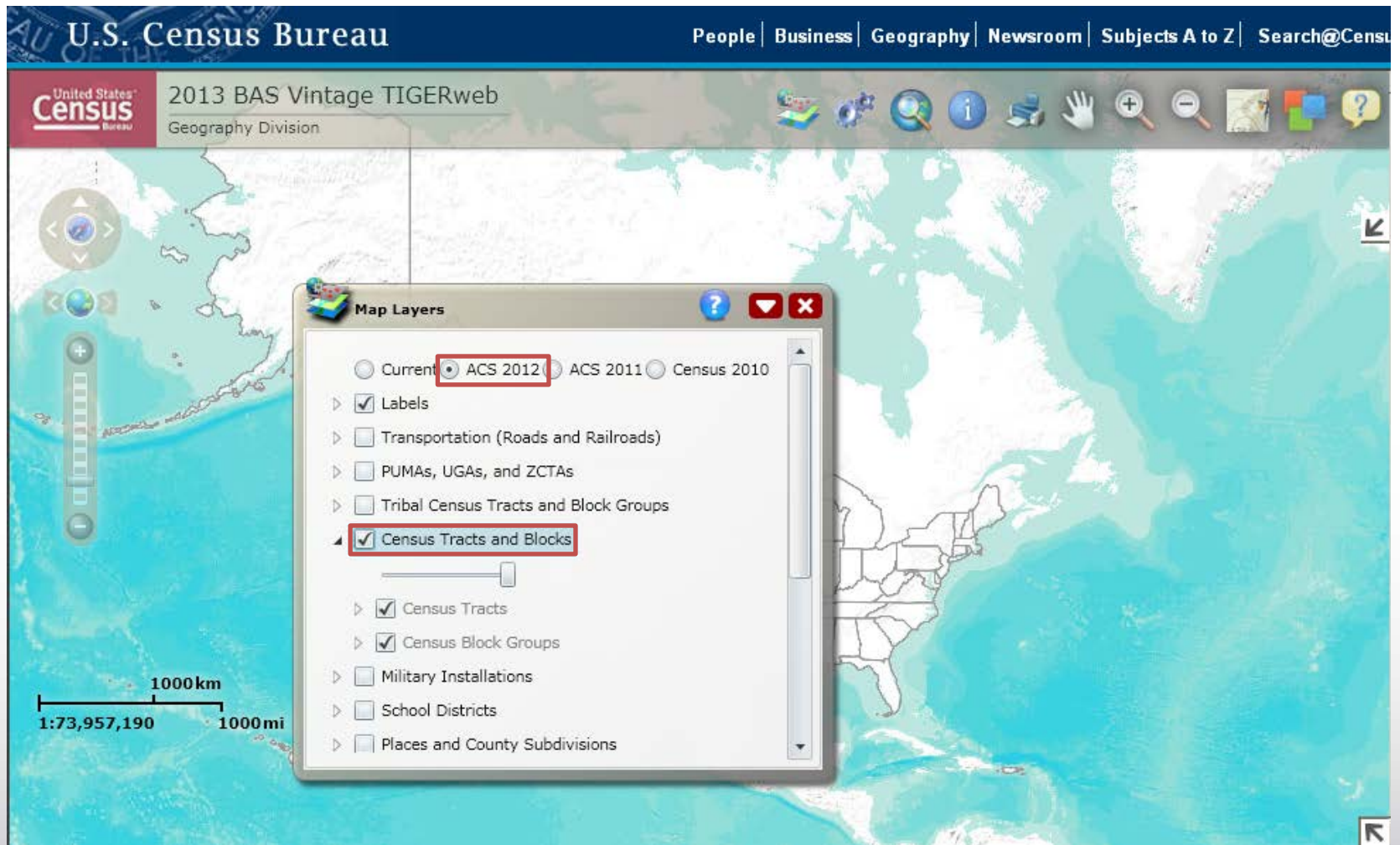
# Kalamazoo County, MI - Census Tract 30.04



# Kalamazoo County, MI - Census Tract 30.04, Block Groups 1, 2, & 3

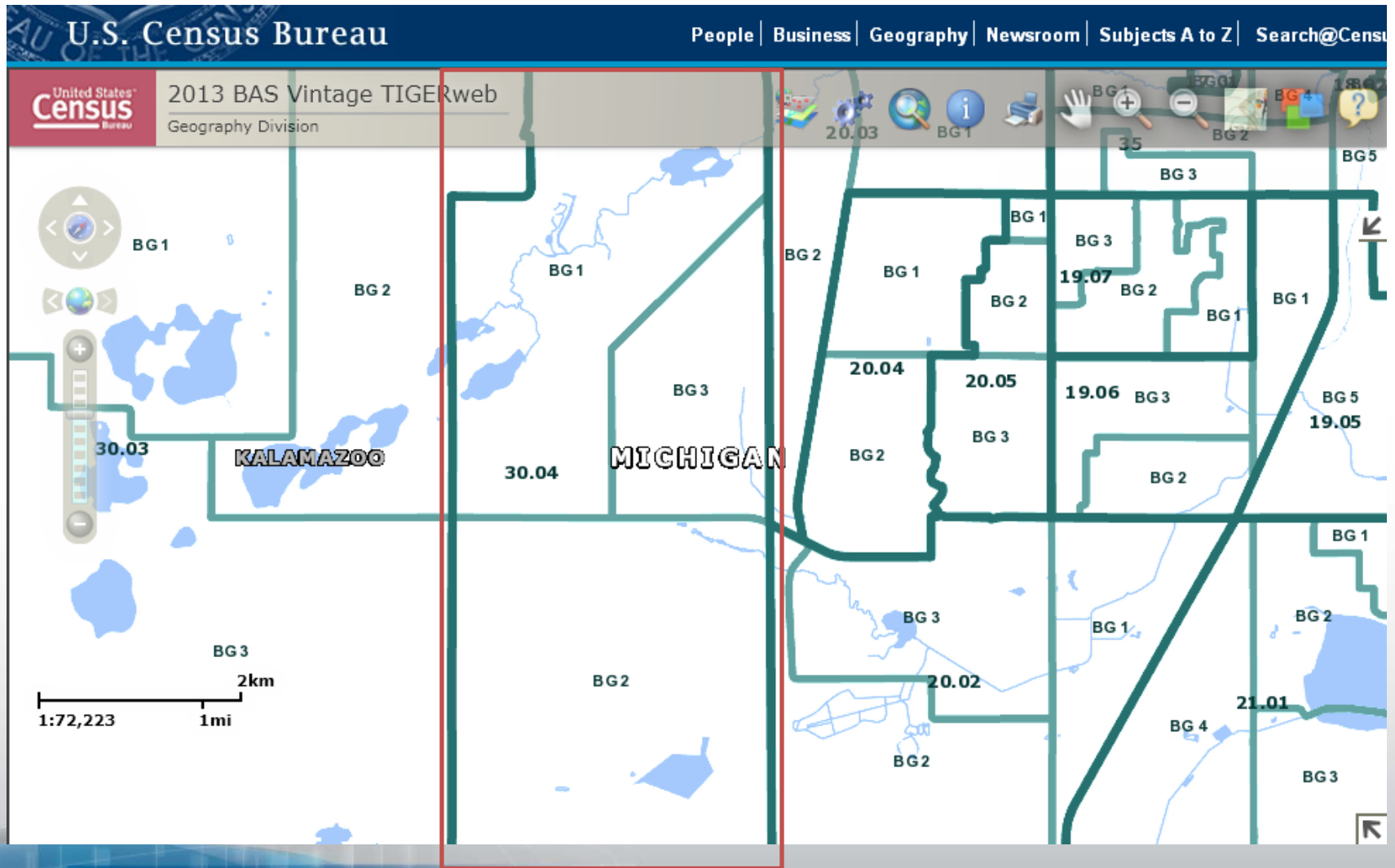


# TIGERweb-Map Layers



[tigerweb.geo.census.gov/tigerweb/](http://tigerweb.geo.census.gov/tigerweb/)

# TIGERweb-Block Groups



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# What is the ACS Summary File?

- Set of comma-delimited text files that contain all of the Detailed Tables
- Stored in a series of files on the FTP site
- Files contain only the data from the tables (no information such as table title, description of the rows, etc)
- Data have already been tabulated for specific geographic areas

# AFF vs. Summary File

|        |   |
|--------|---|
| B23025 | EMPLOYMENT STATUS FOR THE POPULATION 16 YEARS AND OVER<br>Universe: Population 16 years and over ⓘ<br>2012 American Community Survey 1-Year Estimates |
|--------|---|

|                       | Michigan  |                 |
|-----------------------|-----------|-----------------|
|                       | Estimate  | Margin of Error |
| Total:                | 7,897,753 | +/-4,903        |
| In labor force:       | 4,832,544 | +/-17,399       |
| Civilian labor force: | 4,829,177 | +/-17,329       |
| Employed              | 4,285,132 | +/-17,643       |
| Unemployed            | 544,045   | +/-10,699       |
| Armed Forces          | 3,367     | +/-795          |
| Not in labor force    | 3,065,209 | +/-18,238       |

Source: U.S. Census Bureau, 2012 American Community Survey

e2012mi0115000.txt - Notepad

File Edit Format View Help

```

58739,9518,33067,50384,52596,70571,101643,22231,1902,6953,1:
573790,7897753,4832544,4829177,4285132,544045,3367,3065209,
0,2248,4473,5171,5997,11226,3187,592,394,915,1643,4495,1924,
,6056,14536,245656,1612093,823049,112363,43955,32289,21457,
e1,mi,000,0115,0000004,5986311,2962898,2234833,1791309,1451,
7,4498670,443293,184499,204,184295,157673,26622,258794,4055,
,7807,11298,29782,436330,2681900,305965,102014,55454,38420,
7646,6668,15057,16541,13285,16330,170013,83507,4898,15118,2:
,699908,520921,312114,208807,178987,856235,123279,39538,139:
3332,92104,21726,0,21726,12265,9461,70378,281228,181153,53,:
L97,4816,60846,341513,38227,12570,6613,4760,51,429,634,403,:
46,227,1431,396,0,130,303,168,434,314,7,0,0,18,91,198,6124,
7,7559,5303,5075,12845,3769,421,873,1352,1892,4538,73811,53:
,135048,103193,2686,7252,10518,5963,5436,25377,10145,437,17:
5,41225,14470,6533,7937,26755,199600,153572,96660,56912,460:
31782,81169,333,80836,56569,24267,50613,859475,100735,39843

```

# How to Use the ACS SF

- 1—Verify table is available at block group level  
(not all tables are published for this geography)
- 2—Use appropriate tool to access ACS SF  
Summary File Retrieval Tool  
DataFerrett  
FTP site

# Summary File Page

Census.gov > American Community Survey > Data & Documentation: Summary File

## American Community Survey

Main About the Survey ▼ Guidance for Data Users ▼ **Data & Documentation ▼** Methodology ▼ Library ▼

- Data Releases
- Data Product Descriptions
- Documentation
- Geography
- Downloadable data via FTP
- Summary File**
- Public Use Microdata Sample (PUMS)
- Custom Tabulations

### Summary File

Print | Share this page | Connect with us

An ACS Summary File is a set of comma-delimited text files that contain all of the Detailed Tables for the ACS 1-year, 3-year or 5-year estimates. For example, the 2008 ACS 1-year Summary File includes hundreds of comma-delimited text files that are best viewed in a spreadsheet or using statistical software.

2012 2011 2010 2009 2008 2007 2006 2005

#### Summary File Data and Documentation

| 2011 ACS 1-Year Estimates   | 2009-2011 ACS 3-Year Estimates   | 2007-2011 ACS 5-Year Estimates   |
|---|--|--|
| <a href="#">1-Year Summary File</a>   | <a href="#">3-Year Summary File</a>                                      | <a href="#">5-Year Summary File</a>                                      |
| <a href="#">1-Year Tech Document</a> [PDF 3.4MB]                            | <a href="#">3-Year Tech Document</a> [PDF 3.4MB]                         | <a href="#">5-Year Tech Document</a> [PDF 3.5MB]                         |
| <a href="#">1-Year TableShells</a> [XLS 45MB]                               | <a href="#">3-Year TableShells</a> [XLS 3.5MB]                           | <a href="#">5-Year TableShells</a> [XLS 3.4MB]                           |
| <a href="#">1-Year Sequence/Table Number Lookup</a> (xls, sas7bdat, or txt) | <a href="#">3-Year Sequence/Table Number Lookup</a> (xls, sas7bdat, txt) | <a href="#">5-Year Sequence/Table Number Lookup</a> (xls, sas7bdat, txt) |

#### Tools for using the ACS Summary File

- [Summary File Retrieval Tool](#) [ZIP 8.9MB] - an Excel Macro tool ideal for downloading 20 tables or less for all published geographies within a state.
  - [User Guide: Summary File Excel Retrieval Tool](#) [PDF 1.0MB]
  - [Video: Accessing Block Group Level Data with the Summary File Retrieval Tool](#)
  - Requires MS Excel 2007 or newer**

[census.gov/acs/www/data\\_documentation/summary\\_file/](https://census.gov/acs/www/data_documentation/summary_file/)

# Check Appendix E for Table

2007-2011 ACS 5-Year Summary File Technical Documentation

| Table Number | Table Title   | Table Restriction s for All Geographies Except Block Groups | Table Available for Block Groups on Summary File? | Summary File Sequence Number | Summary File Starting and Ending Positions |
|--------------|---|---|---|------------------------------|--|
| B23023       | Range Of First Generation In The Past 12 Months By Race Of Respondent (Two Or More Races)   |   |   | 0071                         | 0000                                       |
| B23024       | Range Of First Generation In The Past 12 Months By Race Of Respondent (White Alone, Not Hispanic Or Latino)                           |   |   | 0071                         | 0071                                       |
| B23025       | Range Of First Generation In The Past 12 Months By Race Of Respondent (Hispanic Or Latino)  |   |   | 0071                         | 1274                                       |
| B23027       | Range Of First Generation In The Past 12 Months By Native Type By Number Of Months In Family In The Past 12 Months                    |   |   | 0071                         | 16110                                      |
| B23028       | Median Household Income In The Past 12 Months (In 2011 Dollars Adjusted Inflation) By Range Of First Generation In The Past 12 Months |   |   | 0071                         | 178100                                     |
| B23029       | Age 16 And Over Employment Status For The Population 16 Years And Over  |   |   | 0075                         | 7-13                                       |
| B23030       | Percentage Of Own Children Under 18 Years By Age Of Own Children Under 18 Years By Employment Status For Females 20 Years And Over    | Yes   |   | 0075                         | 7-8  |
| B23031       | Male Under 18 In The Past 12 Months By Age 16 Employment Status For The Male Population 16 Years And Over                             |   |   | 0075                         | 27100                                      |
| B23032       | Unemployed Under 18 In The Past 12 Months By Age 16   |   |   | 0075                         | 7-9  |

## 2007-2011 ACS 5-Year Summary File Technical Documentation

| Table Number | Table Title  | Table Restriction s for All Geographies Except Block Groups | Table Available for Block Groups on Summary File? | Summary File Sequence Number | Summary File Starting and Ending Positions |
|--------------|--|---|---|------------------------------|--|
| B23025       | Employment Status For The Population 16 Years And Over |   | Yes   | 0075                         | 7-13                                       |

[www2.census.gov/acs2011\\_5yr/summaryfile/ACS\\_2007\\_2011\\_SF\\_Tech\\_Doc.pdf](http://www2.census.gov/acs2011_5yr/summaryfile/ACS_2007_2011_SF_Tech_Doc.pdf)

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# Summary File Retrieval Tool

- Tool allows users to load tables from the ACS SF into an Excel spreadsheet
- Must have Excel 2007 or newer to run tool
- You can access all tracts and block groups per table per state

# Summary File Page

Census.gov > American Community Survey > Data & Documentation: Summary File

## American Community Survey

Main About the Survey ▼ Guidance for Data Users ▼ **Data & Documentation ▼** Methodology ▼ Library ▼

- Data Releases
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- Summary File**
- Public Use Microdata Sample (PUMS)
- Custom Tabulations

### Summary File

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2012 2011 2010 2009 2008 2007 2006 2005

#### Summary File Data and Documentation

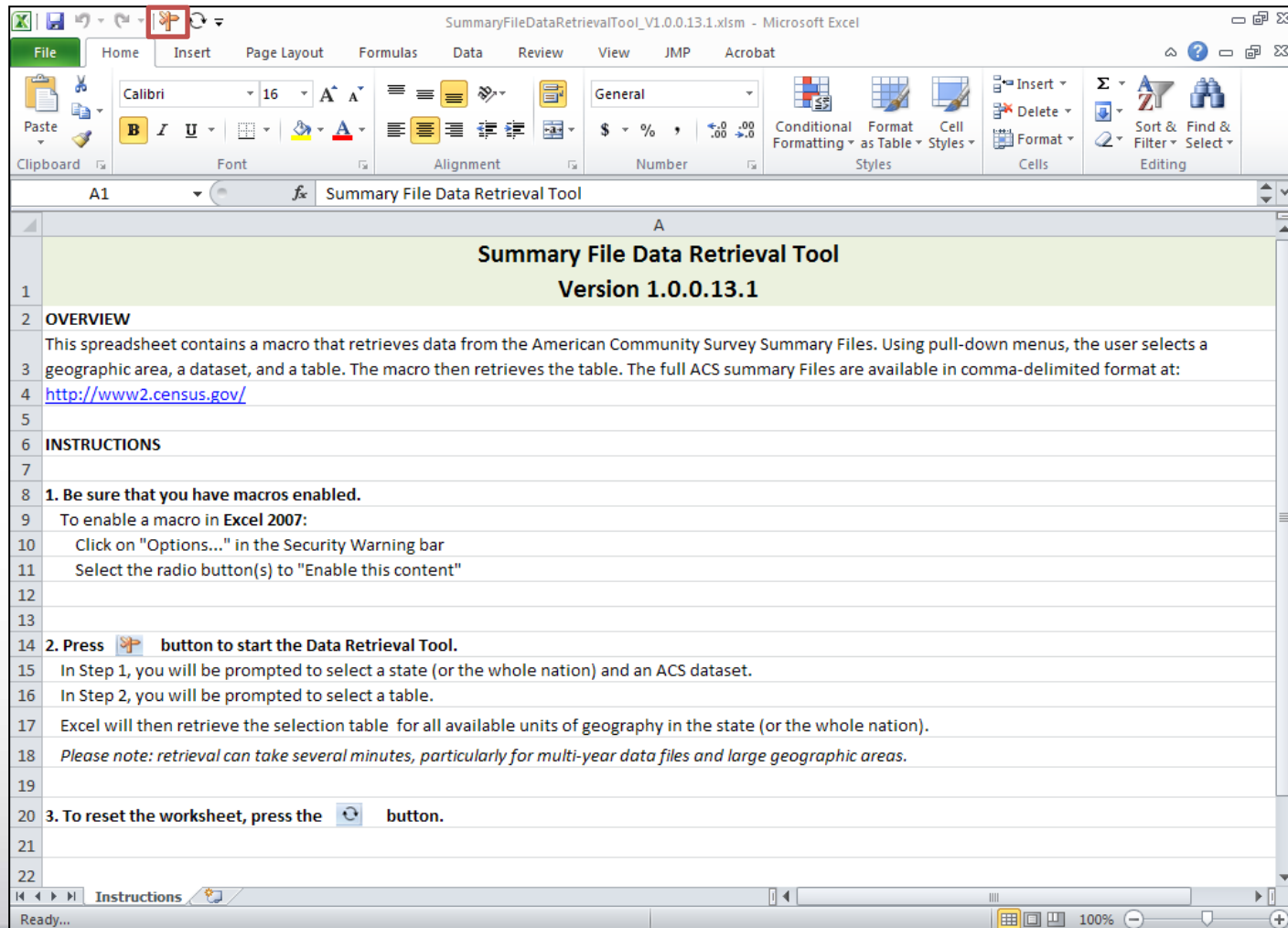
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[census.gov/acs/www/data\\_documentation/summary\\_file/](https://census.gov/acs/www/data_documentation/summary_file/)

# SF Retrieval Tool



# Step 1 of 2

SummaryFileDataRetrievalTool\_V1.0.0.13.1.xlsm - Microsoft Excel

File Home Insert Page Layout Formulas Data Review View JMP Acrobat

Clipboard Font Alignment Number Styles Cells Editing

Summary File Data Retrieval Tool

Summary File Data Retrieval Tool  
Version 1.0.0.13.1

OVERVIEW

This spreadsheet contains a macro that retrieves data from the American Community Survey Summary Files. Using pull-down menus, the user selects a geographic area, a data product, and a table. The user can then select the format at which the data will be retrieved.

Step 1 of 2: Select a major geographic area and dataset

Select a State : MI --- Michigan


Data Product: 5-Year (2007-2011)


Next Cancel Clear Form

3-Year (2008-2010)

INSTRUCTIONS

1. Be sure that you have the Data Retrieval Tool installed. To enable a macro in the spreadsheet, click on "Options..." in the Developer tab. Select the radio button to enable macros.

2. Press the  button to start the Data Retrieval Tool. In Step 1, you will be prompted to select a state (or the whole nation) and an ACS dataset. In Step 2, you will be prompted to select a table. Excel will then retrieve the selection table for all available units of geography in the state (or the whole nation). Please note: retrieval can take several minutes, particularly for multi-year data files and large geographic areas.

3. To reset the worksheet, press the  button.

Instructions

Ready

# Step 2 of 2

SummaryFileDataRetrievalTool\_V1.0.0.13.1.xlsm - Microsoft Excel

File Home Insert Page Layout Formulas Data Review View JMP Acrobat

Clipboard Font Alignment Number Styles Cells Editing

Calibri 16

General

Conditional Formatting as Table Cell Styles

Sort & Find & Filter Select

ACSSF

|    | A      | B        | C   | D           | E               | F        | G     | H                      |
|----|--------|----------|-----|-------------|-----------------|----------|-------|------------------------|
|    | fileid | Table ID | seq | Line Number | Decimal M Lines | position | cells | total Long Table Title |
| 1  |        |          |     |             |                 |          |       |                        |
| 2  | ACSSF  | B00001   |     |             |                 |          |       |                        |
| 3  | ACSSF  | B00001   |     |             |                 |          |       |                        |
| 4  | ACSSF  | B00001   |     |             |                 |          |       |                        |
| 5  | ACSSF  | B00002   |     |             |                 |          |       |                        |
| 6  | ACSSF  | B00002   |     |             |                 |          |       |                        |
| 7  | ACSSF  | B00002   |     |             |                 |          |       |                        |
| 8  | ACSSF  | B01001   |     |             |                 |          |       |                        |
| 9  | ACSSF  | B01001   |     |             |                 |          |       |                        |
| 10 | ACSSF  | B01001   |     |             |                 |          |       |                        |
| 11 | ACSSF  | B01001   |     |             |                 |          |       |                        |
| 12 | ACSSF  | B01001   |     |             |                 |          |       |                        |
| 13 | ACSSF  | B01001   |     |             |                 |          |       |                        |
| 14 | ACSSF  | B01001   |     |             |                 |          |       |                        |
| 15 | ACSSF  | B01001   |     |             |                 |          |       |                        |
| 16 | ACSSF  | B01001   | 2   | 7           | .               | .        | .     | 18 and 19 years        |
| 17 | ACSSF  | B01001   | 2   | 8           | .               | .        | .     | 20 years               |
| 18 | ACSSF  | B01001   | 2   | 9           | .               | .        | .     | 21 years               |
| 19 | ACSSF  | B01001   | 2   | 10          | .               | .        | .     | 22 to 24 years         |
| 20 | ACSSF  | B01001   | 2   | 11          | .               | .        | .     | 25 to 29 years         |
| 21 | ACSSF  | B01001   | 2   | 12          | .               | .        | .     | 30 to 34 years         |
| 22 | ACSSF  | B01001   | 2   | 13          | .               | .        | .     | 35 to 39 years         |
| 23 | ACSSF  | B01001   | 2   | 14          | .               | .        | .     | 40 to 44 years         |
| 24 | ACSSF  | B01001   | 2   | 15          | .               | .        | .     | 45 to 49 years         |

Step 2 of 2: Table Lookup

Select Table Name by ID or by Table Description

☒ Select by Table ID ☐ Select by Table Description

Table Name by ID: B23025

☒ Tracts and Block Groups ONLY (no checkmark defaults to all Geographies NOT including Tracts and Block Groups)

☐ Merge Estimates with Margin of Errors (This will take time to perform depending on the table size selected)

Next Cancel Clear Form

Ready Metadata Geography Estimates MarginOfError Merge Instructions

100%

# Results-Estimates

SummaryFileDataRetrievalTool\_V1.0.0.13.1.xlsm - Microsoft Excel

File

Home

Insert

Page Layout

Formulas

Data

Review

View

JMP

Acrobat

Paste

Clipboard

Calibri

11

Font

Alignment

Text

Number

Conditional Formatting

Format as Table

Cell Styles

Insert

Delete

Format

Cells

Sort & Filter

Find & Select

Editing

A3

ACSSF

|      | A  | B             | C     | D      | E               | F         | G   | H             | I                      | J                            | K               |
|------|--|---------------|-------|--------|-----------------|-----------|---|---------------|------------------------|------------------------------|-----------------|
| 1    | Table: B23025 - EMPLOYMENT STATUS FOR THE POPULATION 16 YEARS AND OVER |               |       |        |                 |           |   |               |                        |                              |                 |
| 2    | File Type  | Estimate Type | State | County | Sequence Number | LOGREC NO | Geo Name  | B23025 Total: | B23025 In labor force: | B23025 Civilian labor force: | B23025 Employed |
| 2816 | ACSSF  | 2011e5        | mi    | 000    | 0075            | 0012193   | Block Group 1, Census Tract 1, Alcona County, Michigan    | 651           | 203                    | 203                          | 186             |
| 2817 | ACSSF  | 2011e5        | mi    | 000    | 0075            | 0012194   | Block Group 2, Census Tract 1, Alcona County, Michigan    | 1037          | 402                    | 402                          | 355             |
| 2818 | ACSSF  | 2011e5        | mi    | 000    | 0075            | 0012195   | Block Group 1, Census Tract 9701, Alcona County, Michigan | 955           | 415                    | 415                          | 371             |
| 2819 | ACSSF  | 2011e5        | mi    | 000    | 0075            | 0012196   | Block Group 2, Census Tract 9701, Alcona County, Michigan | 1327          | 595                    | 595                          | 519             |
| 2820 | ACSSF  | 2011e5        | mi    | 000    | 0075            | 0012197   | Block Group 1, Census Tract 9704, Alcona County, Michigan | 1136          | 520                    | 520                          | 459             |
| 2821 | ACSSF  | 2011e5        | mi    | 000    | 0075            | 0012198   | Block Group 2, Census Tract 9704, Alcona County, Michigan | 1293          | 703                    | 703                          | 607             |
| 2822 | ACSSF  | 2011e5        | mi    | 000    | 0075            | 0012199   | Block Group 1, Census Tract 9705, Alcona County, Michigan | 715           | 283                    | 283                          | 217             |
| 2823 | ACSSF  | 2011e5        | mi    | 000    | 0075            | 0012200   | Block Group 2, Census Tract 9705, Alcona County, Michigan | 513           | 236                    | 236                          | 170             |
| 2824 | ACSSF  | 2011e5        | mi    | 000    | 0075            | 0012201   | Block Group 3, Census Tract 9705, Alcona County, Michigan | 748           | 215                    | 215                          | 174             |
| 2825 | ACSSF  | 2011e5        | mi    | 000    | 0075            | 0012202   | Block Group 1, Census Tract 9706, Alcona County, Michigan | 773           | 280                    | 280                          | 225             |
| 2826 | ACSSF  | 2011e5        | mi    | 000    | 0075            | 0012203   | Block Group 2, Census Tract 9706, Alcona County, Michigan | 550           | 264                    | 264                          | 196             |
|      |  |               |       |        |                 |           | Block Group 0, Census Tract 9900, Alcona County, Michigan |               |                        |                              |                 |

MetaData

Geography

Estimates

MarginOfError

Instructions



# Video on Using SF Retrieval Tool



[youtube.com/user/uscensusbureau](https://youtube.com/user/uscensusbureau)

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# DataFerrett

## TheDataWeb


- Home
- About Us
- Products/Services
- Collaboration
- Contact Us

### DataFerrett


DataFerrett is a data analysis and extraction tool to customize federal, state, and local data to suit your requirements. Using DataFerrett, you can develop an unlimited array of customized spreadsheets that are as versatile and complex as your usage demands then turn those spreadsheets into graphs and maps without any additional software.

**What you should check before getting started:**

- ✓ Java Installed: [Check your version](#) or [Download the latest version](#)
- ✓ Allow Pop-ups
- ✓ Run in IE/Firefox

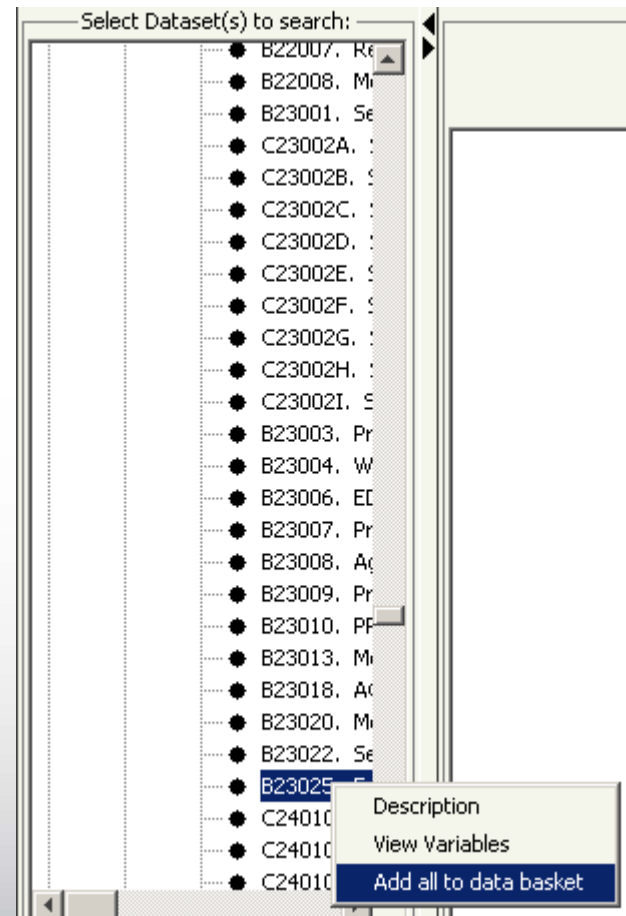
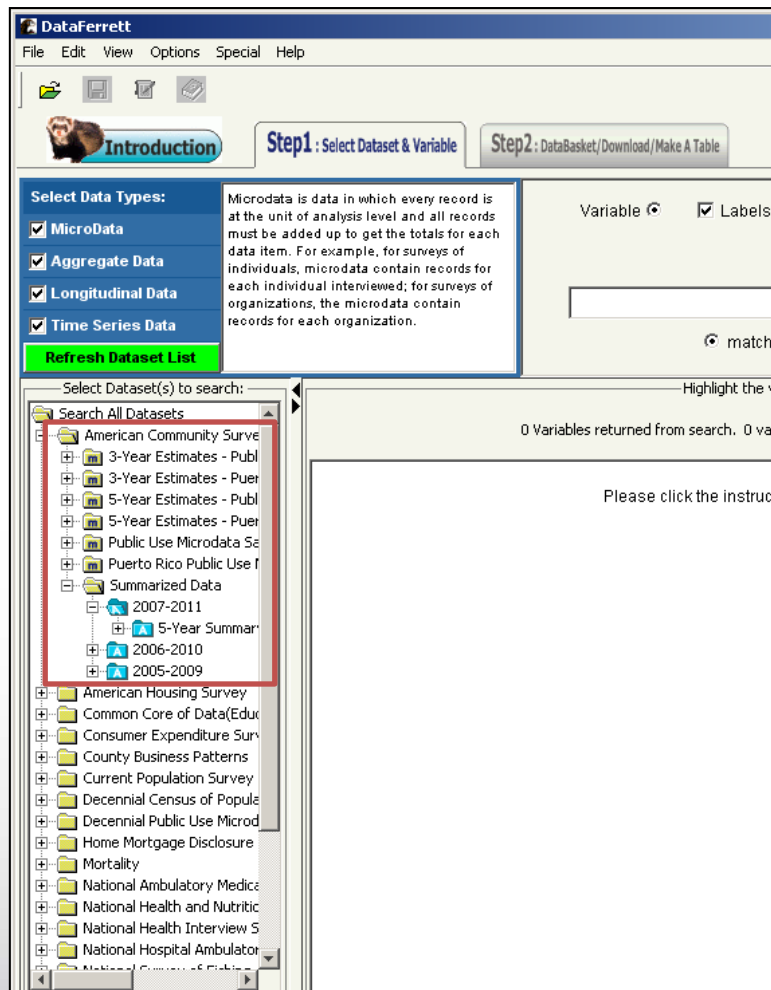


### DATAFERRETT

- DataFerrett Home
- Getting Started
- About the Datasets
- User Resources
- FAQs
-  Launch DataFerrett

[dataferrett.census.gov](http://dataferrett.census.gov)

# Finding Summary Data



# Select Geographies

Introduction

**Step 1: Select Dataset & Variable**

Step 2: DataBasket/Download/Make A Table

**Select Data Types:**

- ☒ MicroData
- ☒ Aggregate Data
- ☒ Longitudinal Data
- ☒ Time Series Data

[Refresh Dataset List](#)

Microdata is data in which every record is at the unit of analysis level and all records must be added up to get the totals for each data item. For example, for surveys of individuals, microdata contain records for each individual interviewed; for surveys of organizations, the microdata contain records for each organization.

Variable ☒ Labels ☐ Names ☐ Topics ☐ Question Text ☐ Values

☒ match ANY word ☐ match ALL words

Search

Instructions

Empty DataBasket

Select Dataset(s) to search:

Highlight the variables you are interested in

7 Variables returned from search. 8 variables selected in DataBasket.

[Browse/Select Highlighted Variables](#)

**REQUIRED VARIABLES**

| Selected   | Topic                  | Name      | Availability        | Variable Label       |
|--|------------------------|-----------|---------------------|----------------------|
| <input checked="" type="checkbox"/> Default value selected for you | Selectable Geographies | COMPONENT | 2005-2009 - current | Geographic Component |
| <input checked="" type="checkbox"/> Needs to be selected           | Selectable Geographies | Geography | 2005-2009 - current | Geographic Items     |

**REGULAR VARIABLES**

| Topic  | Name        | Availability          | Variable Label                                     | Mergeat |
|--|-------------|-----------------------|--|---------|
| B23025, Employment Status for the Population 16 Years and Over | B23025_001E | 2007-2011 - 2007-2011 | Total:   | No      |
| B23025, Employment Status for the Population 16 Years and Over | B23025_002E | 2007-2011 - 2007-2011 | In labor force:                                    | No      |
| B23025, Employment Status for the Population 16 Years and Over | B23025_003E | 2007-2011 - 2007-2011 | In labor force:!!Civilian labor force:             | No      |
| B23025, Employment Status for the Population 16 Years and Over | B23025_004E | 2007-2011 - 2007-2011 | In labor force:!!Civilian labor force:!!Employed   | No      |
| B23025, Employment Status for the Population 16 Years and Over | B23025_005E | 2007-2011 - 2007-2011 | In labor force:!!Civilian labor force:!!Unemployed | No      |
| B23025, Employment Status for the Population 16 Years and Over | B23025_006E | 2007-2011 - 2007-2011 | In labor force:!!Armed Forces                      | No      |
| B23025, Employment Status for the Population 16 Years and Over | B23025_007E | 2007-2011 - 2007-2011 | Not in labor force                                 | No      |

# Select Geographies

The screenshot shows the 'Ferrett Geography Codebook' application window. It features a title bar, a toolbar with an information icon, and a main content area. The main area is divided into three sections: 'Types of geography available:', 'Hierarchies:', and 'Selected Geographic Areas:'. The 'Types of geography available:' list includes 'United States', 'American Indian/Alaska Native Area and H', 'Block Group', 'Combined Statistical Area', 'Congressional District', 'County', 'County Subdivision', 'Division', 'Legislative District', 'Metro Area', 'Place', 'Public Microdata Use Area', 'Region', and 'School District'. The 'Block Group' option is selected. The 'Hierarchies:' section shows a hierarchy: 'State (FIPS Code) > County > Census Tract > Block Group'. The 'Selected Geographic Areas:' section is empty. At the bottom, there are buttons for 'Search', 'Use Hierarchy', 'Cancel', 'Delete Selection', 'Clear All', and 'Finish'.

**Ferrett Geography Codebook**

**Browse/Select Geographies**

**Instructions:**  
Select the type geography from left list.  
Once selected, either double click or select the hierarchy and click the "Use Hierarchy" button to navigate that hierarchy.

**Types of geography available:**

- United States
- American Indian/Alaska Native Area and H
- Block Group**
- Combined Statistical Area
- Congressional District
- County
- County Subdivision
- Division
- Legislative District
- Metro Area
- Place
- Public Microdata Use Area
- Region
- School District

**Hierarchies:**

State (FIPS Code) > County > Census Tract > Block Group


**Selected Geographic Areas:**


Search Use Hierarchy Cancel Delete Selection Clear All Finish



# Next Level-State

**Ferrett Geography Codebook**

 **Select State (FIPS Code)**

 **Instructions:**  
Drag geographies to drop into to the right list.  
Drag final selections to the "Selected Geographic Areas" list.  
Clicking a link at the top will drop directly into that level of the hierarchy.

[Home](#) >> [State \(FIPS Code\)](#) >> [County](#) >> [Census Tract](#) >> [Block Group](#)

**Select State (FIPS Code)**

Iowa  
Kansas  
Kentucky  
Louisiana  
Maine  
Maryland  
Massachusetts  
**Michigan**  
Minnesota  
Mississippi  
Missouri

Search:


**State (FIPS Code)(s) to drop into.**


Michigan

**Selected Geographic Areas:**

# Next Level-County

**Ferrett Geography Codebook**

 **Select County**

 **Instructions:**  
Drag geographies to drop into to the right list.  
Drag final selections to the "Selected Geographic Areas" list.  
Clicking a link at the top will drop directly into that level of the hierarchy.

[Home](#) >> [State \(FIPS Code\)](#) >> [County](#) >> [Census Tract](#) >> [Block Group](#)

**Select County**

Select All

Alcona County, Michigan  
Alger County, Michigan  
Allegan County, Michigan  
Alpena County, Michigan  
Antrim County, Michigan  
Arenac County, Michigan  
Baraga County, Michigan  
Barry County, Michigan  
Bay County, Michigan

Search:

**County(s) to drop into.**

Clear All Delete Selection

Alcona County, Michigan  
Alger County, Michigan  
Allegan County, Michigan  
Alpena County, Michigan  
Antrim County, Michigan  
Arenac County, Michigan  
Baraga County, Michigan  
Barry County, Michigan  
Bay County, Michigan  
Benzie County, Michigan  
Berrien County, Michigan

**Selected Geographic Areas:**


**FIPS State Code Count: 1**  
Michigan


Search Previous Level **Next Level** Cancel

Delete Selection Clear All Finish

# Next Level-Census Tract

**Ferrett Geography Codebook**

 **Select Census Tract**

 **Instructions:**  
Drag geographies to drop into the right list.  
Drag final selections to the "Selected Geographic Areas" list.  
Clicking a link at the top will drop directly into that level of the hierarchy.

[Home](#) >> [State \(FIPS Code\)](#) >> [County](#) >> [Census Tract](#) >> [Block Group](#)

**Select Census Tract**

Select All

Census Tract 1, Alcona County, Michigan  
Census Tract 9701, Alcona County, Michigan  
Census Tract 9704, Alcona County, Michigan  
Census Tract 9705, Alcona County, Michigan  
Census Tract 9706, Alcona County, Michigan  
Census Tract 9900, Alcona County, Michigan  
Census Tract 1, Alger County, Michigan  
Census Tract 2, Alger County, Michigan

Search:

**Census Tract(s) to drop into.**

Clear All Delete Selection

Census Tract 1, Alcona County, Michigan  
Census Tract 9701, Alcona County, Michigan  
Census Tract 9704, Alcona County, Michigan  
Census Tract 9705, Alcona County, Michigan  
Census Tract 9706, Alcona County, Michigan  
Census Tract 9900, Alcona County, Michigan  
Census Tract 1, Alger County, Michigan  
Census Tract 2, Alger County, Michigan  
Census Tract 3, Alger County, Michigan  
Census Tract 9900, Alger County, Michigan  
Census Tract 302, Allegan County, Michigan


**Selected Geographic Areas:**


**FIPS State Code Count: 1**  
Michigan

Search Previous Level **Next Level** Cancel Delete Selection Clear All Finish

# Next Level-Block Group

**Ferrett Geography Codebook**

 **Select Block Group**

 **Instructions:**  
Drag geographies to drop into to the right list.  
Drag final selections to the "Selected Geographic Areas" list.  
Clicking a link at the top will drop directly into that level of the hierarchy.

[Home](#) >> [State \(FIPS Code\)](#) >> [County](#) >> [Census Tract](#) >> [Block Group](#)

**Select Block Group**

Select All

Block Group 1, Census Tract 29.02, Ingha  
Block Group 2, Census Tract 29.02, Ingha  
Block Group 3, Census Tract 29.02, Ingha  
Block Group 1, Census Tract 31.03, Ingha  
Block Group 2, Census Tract 31.03, Ingha  
Block Group 3, Census Tract 31.03, Ingha  
Block Group 4, Census Tract 31.03, Ingha  
Block Group 5, Census Tract 31.03, Ingha

Search:

**Block Group(s) to drop into.**

Clear All Delete Selection

Please drag wanted geographies to "Selected Geographies" panel to the right.

**Selected Geographic Areas: 8205 Block Group(s) added.**

**Block Group Count: 8205**

Block Group 1, Census Tract 29.02, Ingham County, Mich  
Block Group 2, Census Tract 29.02, Ingham County, Mich  
Block Group 3, Census Tract 29.02, Ingham County, Mich  
Block Group 1, Census Tract 31.03, Ingham County, Mich  
Block Group 2, Census Tract 31.03, Ingham County, Mich  
Block Group 3, Census Tract 31.03, Ingham County, Mich  
Block Group 4, Census Tract 31.03, Ingham County, Mich  
Block Group 5, Census Tract 31.03, Ingham County, Mich  
Block Group 6, Census Tract 31.03, Ingham County, Mich  
Block Group 1, Census Tract 32, Ingham County, Michigar  
Block Group 2, Census Tract 32, Ingham County, Michigar  
Block Group 1, Census Tract 33.01, Ingham County, Mich

Search Previous Level Next Level Cancel Delete Selection Clear All **Finish**

# Step 2



Introduction

Step1 : Select Dataset & Variable

Step2 : DataBasket/Download/Make A Table

Review your variables then go back to select more variables or go on to get data



Current Query Variables from ACS Summarized Data (5-Year Summary File):

| Name        | Variable Label                                     | Availability          |
|-------------|--|-----------------------|
| B23025_001E | Total:   | 2007-2011 - 2007-2011 |
| B23025_002E | In labor force:                                    | 2007-2011 - 2007-2011 |
| B23025_003E | In labor force:!!Civilian labor force:             | 2007-2011 - 2007-2011 |
| B23025_004E | In labor force:!!Civilian labor force:!!Employed   | 2007-2011 - 2007-2011 |
| B23025_005E | In labor force:!!Civilian labor force:!!Unemployed | 2007-2011 - 2007-2011 |
| B23025_006E | In labor force:!!Armed Forces                      | 2007-2011 - 2007-2011 |
| B23025_007E | Not in labor force                                 | 2007-2011 - 2007-2011 |
| COMPONENT   | Geographic Component                               | 2005-2009 - current   |
| GEOG-101    | Block Group  | 2007-2011 - 2007-2011 |

# Make Table



# Results

Ferrett Tabulation

File Edit Format View Options Help

GO Get Data


Formula Bar

Pivot(s) can be dropped on pivot image above R1.

|       | C1   | C2    | C3    | C4 | C5    |
|-------|--|-------|-------|----|-------|
| R9770 | Block Group 3, Census Tract 66, Jackson County, Michigan     | 1,428 | 983   |    | 983   |
| R9771 | Block Group 1, Census Tract 1, Alcona County, Michigan       | 651   | 203   |    | 203   |
| R9772 | Block Group 2, Census Tract 1, Alcona County, Michigan       | 1,037 | 402   |    | 402   |
| R9773 | Block Group 1, Census Tract 9706, Alcona County, Michigan    | 773   | 280   |    | 280   |
| R9774 | Block Group 2, Census Tract 9706, Alcona County, Michigan    | 550   | 264   |    | 264   |
| R9775 | Block Group 1, Census Tract 2, Alger County, Michigan        | 1,226 | 635   |    | 635   |
| R9776 | Block Group 2, Census Tract 2, Alger County, Michigan        | 1,312 | 737   |    | 737   |
| R9777 | Block Group 1, Census Tract 302, Allegan County, Michigan    | 1,669 | 1,187 |    | 1,187 |
| R9778 | Block Group 2, Census Tract 302, Allegan County, Michigan    | 1,162 | 807   |    | 807   |
| R9779 | Block Group 1, Census Tract 307.03, Allegan County, Michigan | 1,130 | 722   |    | 722   |
| R9780 | Block Group 2, Census Tract 307.03, Allegan County, Michigan | 741   | 417   |    | 417   |
| R9781 | Block Group 1, Census Tract 313, Allegan County, Michigan    | 1,165 | 805   |    | 805   |
| R9782 | Block Group 2, Census Tract 313, Allegan County, Michigan    | 1,576 | 1,048 |    | 1,048 |
| R9783 | Block Group 3, Census Tract 313, Allegan County, Michigan    | 1,055 | 724   |    | 724   |
| R9784 | Block Group 1, Census Tract 322, Allegan County, Michigan    | 2,089 | 1,406 |    | 1,406 |
| R9785 | Block Group 2, Census Tract 322, Allegan County, Michigan    | 934   | 540   |    | 540   |
| R9786 | Block Group 3, Census Tract 322, Allegan County, Michigan    | 1,134 | 611   |    | 611   |
| R9787 | Block Group 1, Census Tract 5, Alpena County, Michigan       | 416   | 242   |    | 242   |
| R9788 | Block Group 2, Census Tract 5, Alpena County, Michigan       | 657   | 472   |    | 451   |
| R9789 | Block Group 3, Census Tract 5, Alpena County, Michigan       | 581   | 432   |    | 432   |
| R9790 | Block Group 0, Census Tract 9900, Alpena County, Michigan    | 0     | 0     |    | 0     |
| R9791 | Block Group 1, Census Tract 9606, Antrim County, Michigan    | 712   | 348   |    | 348   |
| R9792 | Block Group 2, Census Tract 9606, Antrim County, Michigan    | 434   | 328   |    | 328   |
| R9793 | Block Group 3, Census Tract 9606, Antrim County, Michigan    | 641   | 304   |    | 304   |
| R9794 | Block Group 4, Census Tract 9606, Antrim County, Michigan    | 841   | 466   |    | 466   |
| R9795 | Block Group 0, Census Tract 9900, Arenac County, Michigan    | 0     | 0     |    | 0     |
| R9796 | Block Group 1, Census Tract 1, Baraga County, Michigan       | 473   | 201   |    | 201   |
| R9797 | Block Group 2, Census Tract 1, Baraga County, Michigan       | 1,058 | 577   |    | 577   |
| R9798 | Block Group 3, Census Tract 1, Baraga County, Michigan       | 1,055 | 534   |    | 533   |
| R9799 | Block Group 4, Census Tract 1, Baraga County, Michigan       | 697   | 440   |    | 440   |
| R9800 | Block Group 0, Census Tract 9901, Baraga County, Michigan    | 0     | 0     |    | 0     |
| R9801 | Block Group 1, Census Tract 108, Benzie County, Michigan     | 1,201 | 722   |    | 722   |

B23025\_001E Total:  
 B23025\_002E In labor force:  
 B23025\_003E In labor force:!!Civilian labor force:  
 B23025\_004E In labor force:!!Civilian labor force:!!Empl  
 B23025\_005E In labor force:!!Civilian labor force:!!Unem  
 B23025\_006E In labor force:!!Armed Forces  
 B23025\_007E Not in labor force  
 COMPONENT Geographic Component  
 GEOG-101 Block Group

Universe: (COMPONENT in (00)) AN  
 Weight used: Unweighted  
 DataSer(s) selected: 2007-2011


















# Outline

- American Community Survey (ACS) basics
- Tracts and block groups
- Overview of ACS Summary File (ACS SF)
- Ways to access the ACS SF
  - Summary File Retrieval Tool
  - DataFerrett
  - **FTP site**
  - Other
- Wrap up

# Summary File Organization

| <u>Name</u>   | <u>Last modified</u> | <u>Size</u> | <u>Description</u> |
|---|----------------------|-------------|--------------------|
|  <a href="#">Parent Directory</a>  |                      | -           |                    |
|  <a href="#">2007-2011 ACSSF All In 2 Giant Files (Experienced-Users-Only) /</a> | 20-Dec-2012 13:50    | -           |                    |
|  <a href="#">2007-2011 ACSSF By State All Tables/</a>                            | 27-Nov-2012 13:53    | -           |                    |
|  <a href="#">2007-2011 ACSSF By State By Sequence Table Subset/</a>              | 27-Nov-2012 13:53    | -           |                    |
|  <a href="#">ACS2011 5-Year TableShells.xls</a>                                  | 14-Nov-2012 09:37    | 2.2M        |                    |
|  <a href="#">ACS 2007 2011 SF Tech Doc.pdf</a>                                   | 30-Nov-2012 11:52    | 4.7M        |                    |
|  <a href="#">SequenceNumberTableNumberLookup.sas7bdat</a>                        | 17-Oct-2012 09:26    | 8.0M        |                    |
|  <a href="#">Sequence Number and Table Number Lookup.txt</a>                     | 17-Oct-2012 09:27    | 1.7M        |                    |
|  <a href="#">Sequence Number and Table Number Lookup.xls</a>                     | 17-Oct-2012 09:21    | 2.1M        |                    |
|  <a href="#">UserTools/</a>  | 05-Dec-2012 13:32    | -           |                    |


| <u>Name</u>  |
|--|
|  <a href="#">Parent Directory</a>                          |
|  <a href="#">All Geographies Not Tracts Block Groups/</a> |
|  <a href="#">Tracts Block Groups Only/</a>                |

[www2.census.gov/acs2011\\_5yr/summaryfile/](http://www2.census.gov/acs2011_5yr/summaryfile/)

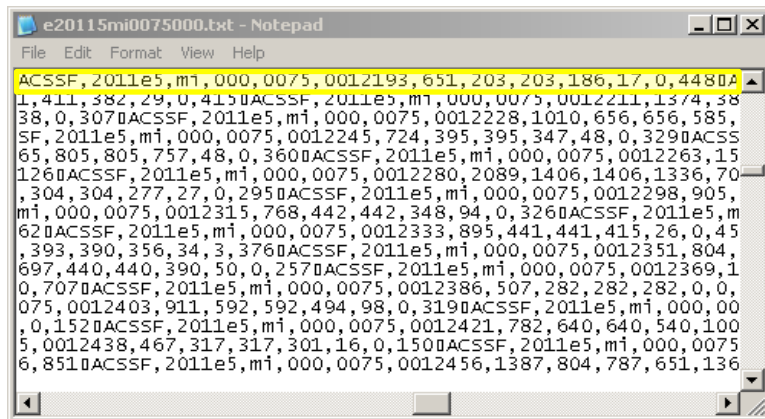
# File Naming

2011 5 mi 0075 000.zip

- 2011=reference year
- 5=period covered
- mi=state level
- 0075=sequence number
- 000=iteration ID

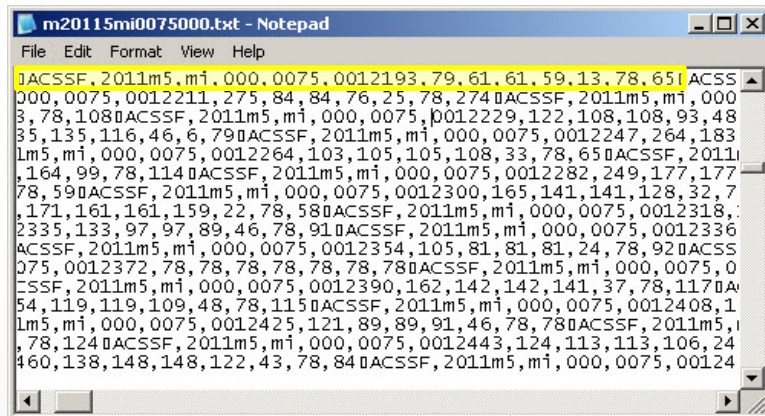


[20115mi0075000.zip](#)  
[20115mi0076000.zip](#)  
[20115mi0077000.zip](#)  
[20115mi0078000.zip](#)  
[20115mi0079000.zip](#)  
[20115mi0080000.zip](#)  
[20115mi0081000.zip](#)  
[20115mi0082000.zip](#)  
[20115mi0083000.zip](#)  
[20115mi0084000.zip](#)  
[20115mi0085000.zip](#)



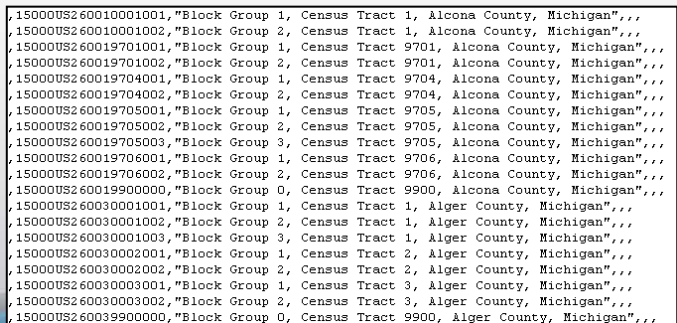
```
e20115mi0075000.txt - Notepad
File Edit Format View Help
ACSSF,2011e5,m1,000,0075,0012193,651,203,203,186,17,0,4480A
1,411,382,29,0,415ACSSF,2011e5,m1,000,0075,0012211,1374,38
38,0,307ACSSF,2011e5,m1,000,0075,0012228,1010,656,656,585,
SF,2011e5,m1,000,0075,0012245,724,395,395,347,48,0,329ACSS
65,805,805,757,48,0,360ACSSF,2011e5,m1,000,0075,0012263,15
126ACSSF,2011e5,m1,000,0075,0012280,2089,1406,1406,1336,70
,304,304,277,27,0,295ACSSF,2011e5,m1,000,0075,0012298,905,
m1,000,0075,0012315,768,442,442,348,94,0,326ACSSF,2011e5,m
62ACSSF,2011e5,m1,000,0075,0012333,895,441,441,415,26,0,45
,393,390,356,34,3,376ACSSF,2011e5,m1,000,0075,0012351,804,
697,440,440,390,50,0,257ACSSF,2011e5,m1,000,0075,0012369,1
0,707ACSSF,2011e5,m1,000,0075,0012386,507,282,282,282,0,0,
075,0012403,911,592,592,494,98,0,319ACSSF,2011e5,m1,000,00
,0,152ACSSF,2011e5,m1,000,0075,0012421,782,640,640,540,100
5,0012438,467,317,317,301,16,0,150ACSSF,2011e5,m1,000,0075
6,851ACSSF,2011e5,m1,000,0075,0012456,1387,804,787,651,136
```

Estimate file  
e20115mi0075000.txt



```
m20115mi0075000.txt - Notepad
File Edit Format View Help
JACSSF,2011m5,m1,000,0075,0012193,79,61,61,59,13,78,65ACSS
000,0075,0012211,275,84,84,76,25,78,274ACSSF,2011m5,m1,000
3,78,108ACSSF,2011m5,m1,000,0075,0012229,122,108,108,93,48
35,135,116,46,6,79ACSSF,2011m5,m1,000,0075,0012247,264,183
lm5,m1,000,0075,0012264,103,105,105,108,33,78,65ACSSF,2011
,164,99,78,114ACSSF,2011m5,m1,000,0075,0012282,249,177,177
78,59ACSSF,2011m5,m1,000,0075,0012300,165,141,141,128,32,7
,171,161,161,159,22,78,58ACSSF,2011m5,m1,000,0075,0012318,
2335,133,97,97,89,46,78,91ACSSF,2011m5,m1,000,0075,0012336
ACSSF,2011m5,m1,000,0075,0012354,105,81,81,81,24,78,92ACSS
075,0012372,78,78,78,78,78,78ACSSF,2011m5,m1,000,0075,0
CSSF,2011m5,m1,000,0075,0012390,162,142,142,141,37,78,117AC
54,119,119,109,48,78,115ACSSF,2011m5,m1,000,0075,0012408,1
lm5,m1,000,0075,0012425,121,89,89,91,46,78,78ACSSF,2011m5,m
,78,124ACSSF,2011m5,m1,000,0075,0012443,124,113,113,106,24
460,138,148,148,122,43,78,84ACSSF,2011m5,m1,000,0075,00124
```

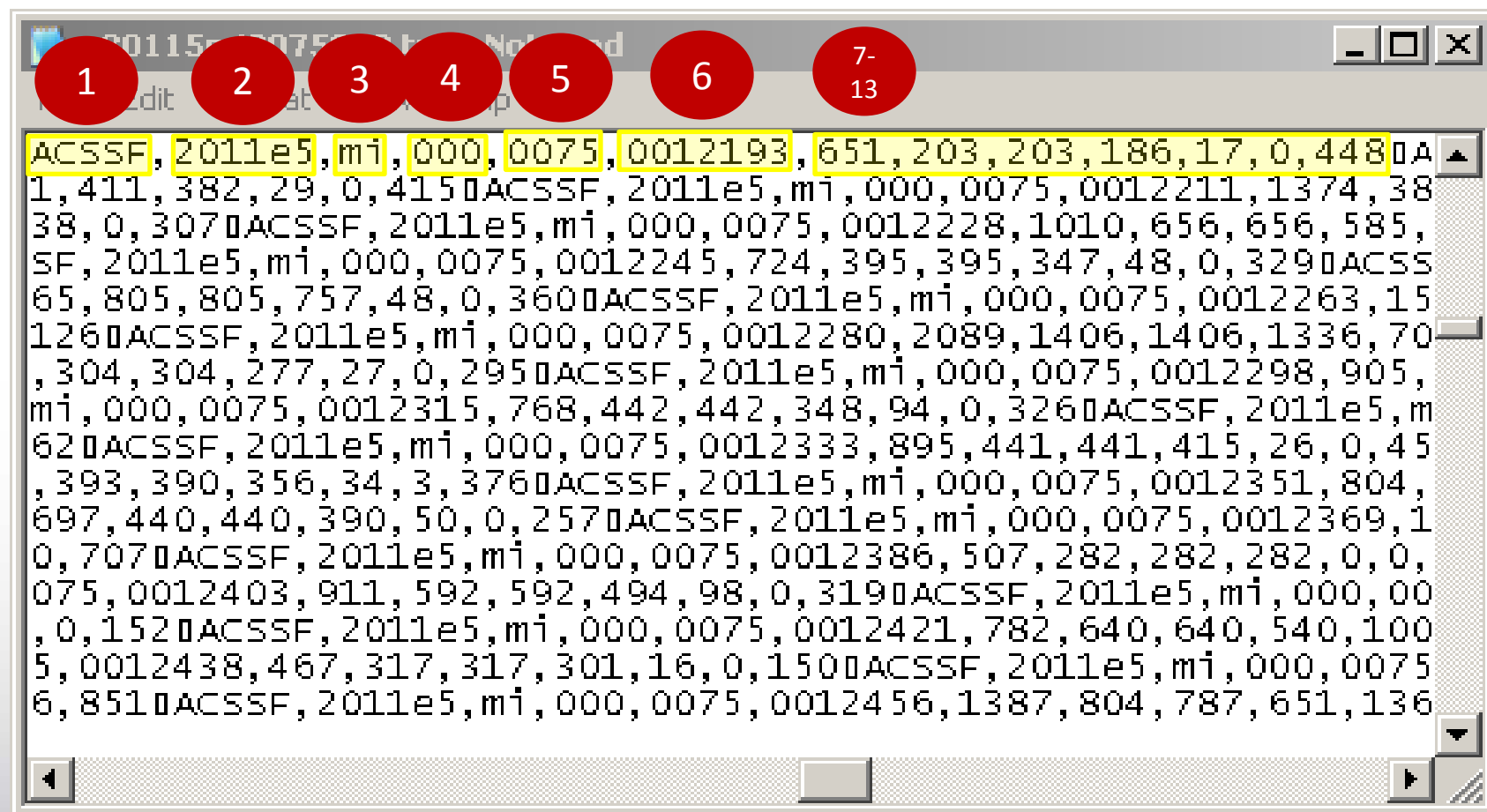
Margin of error file  
m20115mi0075000.txt



```
.15000US260010001001,"Block Group 1, Census Tract 1, Alcona County, Michigan",...
.15000US260010001002,"Block Group 2, Census Tract 1, Alcona County, Michigan",...
.15000US260019701001,"Block Group 1, Census Tract 9701, Alcona County, Michigan",...
.15000US260019701002,"Block Group 2, Census Tract 9701, Alcona County, Michigan",...
.15000US260019704001,"Block Group 1, Census Tract 9704, Alcona County, Michigan",...
.15000US260019704002,"Block Group 2, Census Tract 9704, Alcona County, Michigan",...
.15000US260019705001,"Block Group 1, Census Tract 9705, Alcona County, Michigan",...
.15000US260019705002,"Block Group 2, Census Tract 9705, Alcona County, Michigan",...
.15000US260019705003,"Block Group 3, Census Tract 9705, Alcona County, Michigan",...
.15000US260019706001,"Block Group 1, Census Tract 9706, Alcona County, Michigan",...
.15000US260019706002,"Block Group 2, Census Tract 9706, Alcona County, Michigan",...
.15000US260019900000,"Block Group 0, Census Tract 9900, Alcona County, Michigan",...
.15000US260030001001,"Block Group 1, Census Tract 1, Alger County, Michigan",...
.15000US260030001002,"Block Group 2, Census Tract 1, Alger County, Michigan",...
.15000US260030001003,"Block Group 3, Census Tract 1, Alger County, Michigan",...
.15000US260030002001,"Block Group 1, Census Tract 2, Alger County, Michigan",...
.15000US260030002002,"Block Group 2, Census Tract 2, Alger County, Michigan",...
.15000US260030003001,"Block Group 1, Census Tract 3, Alger County, Michigan",...
.15000US260030003002,"Block Group 2, Census Tract 3, Alger County, Michigan",...
.15000US260039900000,"Block Group 0, Census Tract 9900, Alger County, Michigan",...
```

Geography file  
g20115mi.csv or g20115mi.txt

# Starting and Ending Position



# Templates

|      | C      | D        | E        | F        | G                            | H  | I  | J   | K   | L  | M   |  |
|------|--------|----------|----------|----------|------------------------------|--|--|---|---|--|---|--|
| 1    | STUSAB | CHARITER | SEQUENCE | LOGRECNO | B23025_001                   | B23025_002                                   | B23025_003                                   | B23025_004  | B23025_005  | B23025_006   | B23025_007                                      |  |
| 2    | STUSAB | CHARITER | SEQUENCE | LOGRECNO | Population 16 years and over | Population 16 years and over%In labor force: | Population 16 years and over%In labor force: | Population 16 years and over%In labor force: %Civilian labor force: %Employed | Population 16 years and over%In labor force: %Civilian labor force: %Unemployed | Population 16 years and over%In labor force: %Armed Forces | Population 16 years and over%Not in labor force |  |
| 2815 | mi     | 0        | 75       | 12192    | 2587                         | 1261   | 1261   | 1140  | 121   | 0  | 1326  |  |
| 2816 | mi     | 0        | 75       | 12193    | 651                          | 203  | 203  | 186   | 17  | 0  | 448   |  |
| 2817 | mi     | 0        | 75       | 12194    | 1037                         | 402  | 402  | 355   | 47  | 0  | 635   |  |
| 2818 | mi     | 0        | 75       | 12195    | 955                          | 415  | 415  | 371   | 44  | 0  | 540   |  |
| 2819 | mi     | 0        | 75       | 12196    | 1327                         | 595  | 595  | 519   | 76  | 0  | 732   |  |
| 2820 | mi     | 0        | 75       | 12197    | 1136                         | 520  | 520  | 459   | 61  | 0  | 616   |  |
| 2821 | mi     | 0        | 75       | 12198    | 1293                         | 703  | 703  | 607   | 96  | 0  | 590   |  |

[www2.census.gov/acs2011\\_5yr/summaryfile/UserTools/2011\\_Summary\\_FileTemplates.zip](http://www2.census.gov/acs2011_5yr/summaryfile/UserTools/2011_Summary_FileTemplates.zip)

# Outline

- American Community Survey (ACS) basics
- Tracts and block groups
- Overview of ACS Summary File (ACS SF)
- Ways to access the ACS SF
  - Summary File Retrieval Tool
  - DataFerrett
  - FTP site
  - **Other**
- Wrap up



# TIGER/Line Shapefiles Pre-joined with Demographic Data

You are here: [Census.gov](#) > [Geography](#) > [Maps & Data](#) > [TIGER Products](#) > TIGER/Line® with Selected Demographic and Economic Data

## Geography

- Main
- About
- Maps & Data
- Reference
- Partnerships
- Education
- Research

### Maps & Data

- Maps & Data Main Page

### Maps


- Census Data Mapper
- Reference
- Thematic
- Maps Available for Purchase

### Data

- TIGER Products
- Census Geocoder
- Partnership Shapefiles
- Relationship Files
- Gazetteer Files
- Block Assignment Files
- Name Lookup Tables
- Tallies
- LandView

## TIGER/Line® with Selected Demographic and Economic Data

A limited set of TIGER/Line Shapefiles are available pre-joined with data in geodatabase and shapefile format. We continue to work with our data providers to ensure there are easy links between the geographic products and the data products.



### American Community Survey 5-Year Estimates — Geodatabase Format

- + 2008 - 2012 Detailed Tables
- + 2007 - 2011 Block Group Data
- + 2007 - 2011 Data Profiles
- + 2006 - 2010 Block Group Data
- + 2006 - 2010 Data Profiles

### 2010 Census

- + Demographic Profile 1 — Shapefile Format
- + Demographic Profile 1 — Geodatabase Format
- + Population & Housing Unit Counts — Blocks

### County Business Patterns — Geodatabase Format

- + 2012

[census.gov/geo/maps-data/data/tiger-data.html](https://census.gov/geo/maps-data/data/tiger-data.html)

# Census API

You are here: [Census.gov](#) > [Developers](#) > Available Data

## Access Data with the Census API

[Main](#) [Data Sets](#) [Economic Indicators](#) [Geography](#) [App Gallery](#)

### Using the API

[Request a Key](#)

#### ACS

- [ACS Technical Documentation](#)
- [ACS Technical Documentation](#)
- [ACS 2012 Data Product Changes](#)
- [2012 ACS Summary File Variables](#)
- [2012 ACS Data Profile Variables](#)
- [2010-2012 ACS Summary File Variables](#)
- [2010-2012 ACS Data Profiles Variables](#)
- [2011 ACS 113th Congressional Districts Variables](#)
- [2008-2012 ACS Summary File Variables](#)
- [2008-2012 ACS Data Profile API Variables](#)
- [2007-2011 ACS Summary File Variables](#)
- [2007-2011 Examples and Supported Geography](#)
- [2006-2010 ACS Summary File Variables](#)
- [2006-2010 Examples and Supported Geography](#)

### Available Data

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#### Now available: The Economic Indicators Time Series Database

[See details](#)

#### American Community Survey 5 Year Estimates

The American Community Survey (ACS) is an ongoing survey that provides data every year -- giving communities the current information they need to plan investments and services. The ACS covers a broad range of topics about social, economic, demographic, and housing characteristics of the U.S. population. Much of the ACS data provided on the Census Bureau's Web site are available separately by age group, race, Hispanic origin, and sex. The 5-year estimates from the ACS are "period" estimates that represent data collected over a period of time. The primary advantage of using multiyear estimates is the increased statistical reliability of the data for less populated areas and small population subgroups.

The call to the API for the 2008-2012 5 Year summary file estimates is:

```
http://api.census.gov/data/2012/acs5?
```

Example call to the API for the 2008-2012 data profiles - ([See notes](#))

```
http://api.census.gov/data/2012/acs5/profile?get=DP02_0001PE&for=state:*&key=...
```

The call to the API for the 2007-2011 5 Year summary file estimates is:

```
http://api.census.gov/data/2011/acs5?
```

The call to the API for the 2006-2010 5 Year summary file estimates is:

```
http://api.census.gov/data/2010/acs5?
```

ACS Web site: <http://www.census.gov/acs/>  
Documentation: [http://www.census.gov/acs/www/data\\_documentation/documentation\\_main/](http://www.census.gov/acs/www/data_documentation/documentation_main/)

- [Tips for using ACS data](#) in support of the "National day of Civic Hacking" American Community Challenge

#### American Community Survey 3 Year Estimates

[census.gov/developers](http://census.gov/developers)

# American FactFinder?

- We plan to release block groups in AFF for the 2009-2013 ACS 5-year data release later this year
- December 10<sup>th</sup> webinar will discuss this in more detail (<http://www.census.gov/mso/www/training/>)

[factfinder2.census.gov](http://factfinder2.census.gov)

# Outline

- American Community Survey (ACS) basics
- Tracts and block groups
- Overview of ACS Summary File (ACS SF)
- Ways to access the ACS SF
  - Summary File Retrieval Tool
  - DataFerrett
  - FTP site
  - Other
- **Wrap up**

# Recap

- Tracts and block groups are only available as 5-year estimates (not 1-year or 3-year)
- Block group level estimates are not available (yet) in American FactFinder; you must use the ACS Summary File
- You can access the ACS SF using the SF Retrieval Tool, DataFerrett, or FTP site

# Block Groups in 3 Steps

1-Verify your table is available at the block group level (check Appendix E in SF Tech Doc)

2-Find your block group using TIGERweb

3-Use your tool of choice to find table(s)

# Stay in Touch

- Join the ACS Data Users Group  
[acsdatausers.org](http://acsdatausers.org)
- Get ACS email updates  
[public.govdelivery.com/accounts/USCENSUS/s/subscribe/new?category\\_id=USCENSUS\\_C12](http://public.govdelivery.com/accounts/USCENSUS/s/subscribe/new?category_id=USCENSUS_C12)
- Submit questions  
[ask.census.gov](http://ask.census.gov)
- Contact the call center  
[1-800-923-8282](tel:1-800-923-8282)



# Questions?